DIVISION OF HISTORICAL AND CULTURAL PROGRAMS MARYLAND HISTORICAL TRUST 100 COMMUNITY PLACE CROWNSVILLE, MD 21032-2023

January 21, 1993

Mr. Ross Kimmel
Historian
Public Lands E-3
Department of Natural Resources
580 Taylor Ave.
Tawes State Office Building
Annapolis, MD 21401

Dear Mr. Kimmel,

To date I have examined, determined conservation needs, and estimated treatment times for one fourth of the artifacts set aside as being of major or secondary significance. Based on this sample, I estimate that there are approximately 1200 artifacts many of which are fabricated from iron which has become very corroded and is still corroding. These artifacts must be treated to become There are also some severely degraded glass bottle stable. fragments which need consolidation and other artifacts in varying stages of deterioration. Treatment time is estimated to be 960 hours which at 40 hours/week would be 24 weeks or 6 months. If I were able to hire an intern to work here in the laboratory with me for \$10/hour, it would cost \$9,600 if they submit invoices and pay their own social security. Supplies needed would include sodium carbonate, tannic acid, wax, acryloid B-72, reagent alcohol, benzotriazole, and deionized water. Up to \$400 should be allowed for supplies. The equipment needed and my supervision of the project would be provided by the Division of Historical and Cultural Programs.

I will be completing the assessment of artifact condition in the next two to three weeks. Following this assessment I will prepare full treatment proposals, a treatment schedule, and the complete list of supplies with cost.

If you have any questions about this proposal, please call me at 514-7674, 514-7670 or 586-0050.

Sincerely yours,

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SUMMARY -- FORT FREDERICK ARTIFACT -- ESTI

Вох	No. Artifacts	Total Time	Ave.Time/artifact
Milner Oldest artifacts	112	75 hrs	.7 hr/artifact
CCC Major Sign.	55	39 hrs	.7 hr/artifact
Milner Pontiacs War Prisoner of War Layer 3,4,5	132	126 hrs	.94 hr/artifact
Misc Buttons, gun parts, buckles, knives, etc.	56	48 hrs	.8 hr/artifact
Total artifacts 4 boxes	355	288	.81 hr/artifact

Average No. Artifacts/box = 88.7

Total number of boxes = 12

Remaining boxes are very full.

Estimated number of artifacts = between 1050 and 1200.

Time is estimated to be 850.5(21.3 weeks) to 972 hours(24.3 weeks).

ARTIFACT NUMBER	ARTIFACT NAME	EXAMINATION REPORT PREPARED?		OUT OF TREATMENT
18WA20.79.001	UNIDENTIFIED OBJECT	т.	.T.	.F.
18WA20.67-A.001	nail	.T.	.T.	.F.
18WA20.76-C.001	nail	.T.	.T.	.F.
18WA20.76-C,002	nail	.T.	.T.	.F.
18WA20.76-C.003	nail	.T.	.T.	.F.
18WA20.85-I	Unidentified object	.T.	.T.	.F.
18WA20.58-C.001	nail	.т.	.T.	.F.
18WA20.60-A	nail	.T.	.T.	.F.
18WA20.58-F.001	nail	.T.	.т.	.F.
18WA20.58-F.002	nail	.T.	.T.	.F.
18WA20.85-C.001	nail	.T.	.F.	.T.
18WA20.85-C.002	nail	.T.	.F.	.T.
18WA20.85-C.003	nail	.T.	.F.	.T.
18WA20.64-G.001	nail	.T.	.T.	.F.
18WA20.64-G.002	nail	.T.	.T.	.F.
18WA20.64-G.003	nail	.T.	.T.	• F •
18WA20.85-H.001	lead fragment	.T.	.F.	.F.
18WA20.85-H.002	UID fragment	.T.	.F.	.F.
18WA20.85-G	poss. firearm sear	.T.	.T.	.F.
18WA20.42-A	bayonet fragment	.T.	.T.	.F.
18WA20.85-L	jewel	.T.	.F.	.F.
18WA20.57.001	UID fragment	.T.	.F.	.F.
18WA20.58-A	shoe buckle fragment	.T.	.F.	.T.
18WA20.64-G.001	straight pin	.T.	.F.	.T.
18WA20.64-G.002	straight pin	.T.	.F.	.T.
18WA20.64-G.003	straight pin	.T.	.F.	.T.
18WA20.85-EE	bottle fragment	.T.	.F.	.F.
18WA20.76-M	window glass frag.	.T.	.F.	.F.
18WA20.76-L	gin bottle fragment	.Т.	.F.	.F.
18WA20.58-M	bottle fragment	.T.	.F.	.F.
18WA20.58-N.001	bottle fragment	.T.	.F.	.F.
18WA20.58-N.002	bottle fragment	.T.	.F.	.F.
18WA20.58-N.003	bottle fragment	.T.	.F.	.F.
18WA20.58-N.004	bottle fragment	.т.	. F .	• <u>F</u> •
18WA20.64-K.001	bottle fragment	. <u>T</u> .	. <u>F</u> .	• <u>F</u> •
18WA20.64-K.002	bottle fragment	. <u>T</u> .	. <u>F</u> .	.F.
18WA20.76-K	bottle fragment	. <u>T</u> .	. <u>F</u> .	. <u>F</u> .
18WA20.85-BB.001	bottle fragment	. T.	. F .	. <u>F</u> .
18WA20.85-BB.002	bottle fragment	.T.	.F.	.F.
18WA20.85-CC.001	bottle fragment	.T.	.F.	.F.
18WA20.85-CC.002	bottle fragment	. <u>T</u> .	. <u>F</u> .	. <u>F</u> .
18WA20.85-DD	bottle fragment	.T.	.F.	.F.
18WA20.64-N	mortar fragment	.T.	.F.	.F.
18WA20.64-O	poss. limestone frag	.T.	.F.	.F.
18WA20.85-PP.001	limestone fragment	.T.	.F.	.F.
18WA20.85-PP.002	limestone fragment	.T.	.F.	.F.
18WA20.85-PP.003	limestone fragment	.T.	.F.	.F.

ARTIFACT NUMBER	ARTIFACT NAME	EXAMINATION REPORT PREPARED?		OUT OF TREATMENT
18WA20.85-JJ.001	mortar fragment	.т.	.F.	.F.
18WA20.85-JJ.002	mortar fragment	.T.	.F.	.F.
18WA20.85-JJ.003	mortar fragment	.T.	.F.	.F.
18WA20.85-JJ.004	mortar fragment	.T.	.F.	.F.
18WA20.58-P.001	mortar fragment	.T.	.F.	.F.
18WA20.58-P.002	mortar fragment	.T.	.F.	.F.
18WA20.85-00.001	limestone fragment	.T.	.F.	.F.
18WA20.85-00.002	limestone fragment	.T.	.F.	.F.
18WA20.85-00.003	limestone fragment	.T.	.F.	.F.
18WA20.89-A	knife	.T.	.F.	.F.
18WA20.52.001	chert flake	.T.	.F.	.F.
18WA20.76-D	French gunflint	.T.	.F.	.F.
18WA20.85-J	button	.T.	.F.	.F.
18WA20.64-P.001	charcoal	.T.	.F.	.F.
18WA20.64-P.002	charcoal	.T.	.F.	.F.
18WA20.90-G	charcoal	.T.	.F.	.F.
18WA20.85-F	gunflint	.T.	.F.	.F.
18WA20.85-K	button	.T.	.F.	.T.
18WA20.85-K	button	.T.	.F.	.T.
18WA20.44-C	wood fragment	.T.	.F.	.F.
18WA20.177.021	bottle fragment	.T.	.F.	.F.
18WA20.177.022	bottle fragment	.T.	.F.	.F.
18WA20.177.112	tableware ring	.T.	.F.	.F.
18WA20.177.111	button	.T.	.F.	.T.
18WA20.177.113	window pane fragment	.T.	.F.	.F.
18WA20.177.114	vessel fragment	.T.	.F.	.F.
18WA20.177.023	nail	.T.	.F.	.F.
18WA20.177.024	nail	.T.	.F.	.F.
18WA20.177.025	nail	.Т.	.F.	.F.
18WA20.177.026	nail	.T.	.F.	.F.
18WA20.177.027	nail	.T.	.F.	.F.
18Wa20.177.028	nail	.T.	.F.	.F.
18WA20.177.029	nail	.T.	.F.	.F.
18WA20.177.030	nail	.T.	.F.	.F.
18WA20.177.031	nail	.T.	.F.	.F.
18WA20.177.032	nail	.T.	.F.	.F.
18WA20.177.033	nail	.T.	.F.	.F.
18WA20.177.034	nail	.T.	.F.	.F.
18WA20.177.035	nail	.T.	.F.	.F.
18WA20.177.036	nail	.T.	.F.	.F.
18WA20.177.037	nail	.T.	.F.	.F.
18WA20.177.038	nail	.T.	.F.	.F.
18WA20.177.039	nail	.T.	.F.	.F.
18WA20.177.040	nail	.T.	.F.	.F.
18WA20. 177.001	wine bottle fragment	.T.	.F.	.F.
18WA20.177.002	wine bottle fragment		.F.	.F.
18WA20.003	wine bottle fragment		.F.	.F.

ARTIFACT NUMBER	ARTIFACT NAME	EXAMINATION REPORT PREPARED?		OUT OF TREATMENT
18WA20.177.004	wine bottle fragment	.т.	.F.	.F.
18WA20.177.005	wine bottle fragment		.F.	.F.
18WA20.177.006	wine bottle fragment		.F.	.F.
18WA20.177.007	wine bottle fragment		.F.	.F.
18WA20.177.008	wine bottle fragment		.F.	.F.
18Wa20.177.009	wine bottle fragment		.F.	.F.
18WA20.177.010	wine bottle fragment		.F.	.F.
18WA20.177.011	wine bottle fragment		.F.	.F.
18WA20.177.012	wine bottle fragment		.F.	.F.
18WA20.177.013	wine bottle fragment		.F.	.F.
18WA20.177.014	wine bottle fragment		.F.	.F.
18WA20.177.015	wine bottle fragment		.F.	.F.
18WA20.177.016	wine bottle fragment		.F.	.F.
18WA20.177.017	wine bottle fragment		.F.	.F.
18WA20.177.018	wine bottle fragment		.F.	.F.
18WA20.177.019	wine bottlw fragment		.F.	.F.
18WA20.177.020	wine bottle fragment		.F.	.F.
18WA20.177.040	nail	.T.	.F.	.F.
18WA20.177.041	nail	.T.	.F.	.F.
18WA20.177.042	nail	.T.	.F.	.F.
18WA20.177.043	nail fragment	.T.	.F.	.F.
18WA20.177.044	nail	.T.	.F.	.F.
18WA20.177.045	nail	.T.	.F.	.F.
18WA20.177.046	nail	.T.	.F.	.F.
18WA20.177.047	nail	.T.	.F.	.F.
18WA20.177.048	nail	.T.	.F.	.F.
18WA20.177.049	nail	.T.	.F.	.F.
18WA20.177.050	nail fragment	.T.	.F.	.F.
18WA20.177.051	nail	.T.	.F.	.F.
18WA20.177.052	nail	.T.	.F.	.F.
18WA20.177.053	nail	.T.	.F.	.F.
18WA20.177.054	nail	.T.	.F.	.F.
18WA20.177.055	nail fragment	.T.	.F.	.F.
18WA20.177.056	nail	.T.	.F.	.F.
18WA20.177.057	nail	.T.	.F.	.F.
18WA20.177.058	nail fragment	T.	.F.	.F.
18WA20.177.059	nail fragment	.T.	.F.	.F.
18WA20.177.060	nail fragment	.T.	.F.	.F.
18WA20.177.061	nail shaft fragment	.T.	.F.	.F.
18WA20.177.062	nail	.T.	.F.	.F.
18WA20.177.063	nail fragment	.T.	.F.	.F.
18WA20.177.064	nail fragment	.T.	.F.	.F.
18WA20.177.065	nail fragment	.T.	.F.	.F.
18WA20.177.066	nail fragment	.T.	.F.	.F.
18WA20.177.067	nail fragment	.T.	.F.	.F.
18WA20.177.068	nail fragment	.T.	.F.	.F.
18WA20.177.069	näil shaft frågment	.T.	.F.	.F.

ARTIFACT NUMBER	ARTIFACT NAME	EXAMINATION REPORT PREPARED?		OUT OF TREATMENT
18WA20.177.070	nail	.T.	.F.	.F.
18WA20.177.071	nail fragment	.T.	.F.	.F.
18WA20.177.072	nail fragment	.T.	.F.	.F.
18WA20.177.073	nail fragment	.т.	.F.	.F.
18WA20.177.074	nail	.T.	.F.	.F.
18WA20.177.075	nail	.T.	.F.	.F.
18WA20.177.076	nail	.T.	• <u>F</u> •	. <u>F</u> .
18WA20.077	nail	.T.	. <u>F</u> .	. <u>F</u> .
18WA20.177.078	nail fragment	. <u>T</u> .	. <u>F</u> .	. <u>F</u> .
18WA20.177.079	nail fragment	. <u>T</u> .	. <u>F</u> .	.F.
18WA20.177.080	nail	. <u>T</u> .	. <u>F</u> .	. <u>F</u> .
18WA20.177.081	nail	.T.	.F.	.F.
18WA20.177.082	nail	.T.	. F .	. <u>F</u> .
18WA20.177.083	nail	.T.	. <u>F</u> .	.F.
18WA20.177.084	nail fragment	.T.	.F.	.F.
18WA20.177.085	nail fragment	.T.	.F.	.F.
18WA20.177.086	nail	.т.	.F.	.F.
18WA20.177.087	nail shaft fragment	.т.	.F.	.F.
18WA20.177.088	nail fragment	•T•	.F.	.F.
18WA20.177.089	nail fragment	.т.	.F.	.F.
18WA20.177.090	nail shaft fragment	.т.	.F.	.F.
18WA20.177.091	nail fragment	.T.	•F•	.F.
18WA20.177.092	nail shaft fragment	.T.	.F.	.F.
18WA20.177,093	nail fragment	.т.	.F.	.F.
18WA20.177.094	nail fragment	.т.	.F.	.F.
18WA20.177.095	nail fragment	.т.	.F.	.F.
18WA20.177.096	nail fragment	.Т. .Т.	.F.	.F.
18WA20.177.097 18WA20.177.098	nail fraagment	.T.	.F.	.F.
18WA20.177.098	nail shaft fragment	.T.	.F.	.F.
18WA10.177.100	nail fragment nail fragment	.T.	.F.	.F.
18WA20.177.101	nail fragment	.T.	.F.	.F.
18WA20.177.101	nail fragment	.T.	.F.	.F.
18WA20.103	nail fragment	.T.	.F.	.F.
18WA20.177.104	nail fragment	.T.	.F.	.F.
18WA20.1005	nail fragment	.T.	.F.	.F.
18WA20.177.106	nail fragment	.T.	.F.	.F.
18WA20.177.107	nail fragment	.T.	.F.	.F.
18WA20.177.108	nail fragment	.T.	.F.	.F.
18WA20.177.109	nail shaft fragment	.T.	.F.	.F.
18WA20.177.110	nail fragment	.T.	.F.	.F.
18WA20.Israel-1	swan shot	.T.	.F.	.F.
18WA20.119.002	Jew's harp	.T.	.F.	.T.
18WA20.123.001	halfpenny	.T.	.F.	.F.
18WA20.115.002	window glass frag.	.T.	.F.	.F.
18WA20.115.003	nail fragment	.T.	.F.	.F.
18WA20.115.004	nail fragment	.T.	.F.	.F.
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18WA20.143.001 wine bottle sherd .TFF.	
18WA20.143.002 wine bottle sherd .TFF.	
18WA20.143.003 wine bottle sherd .TFF.	
18WA20.143.004 wine bottle sherd .TFF.	
18WA20.143.005 wine bottle sherd .TFF.	
18WA20.143.006 wine bottle sherd .TFF.	
18WA20.143.117 wine bottle sherd .TFF.	
18WA20.143.008 wine bottle sherd .TFF.	
18WA20.143.009 wine bottle sherd .TFF.	
18WA20.150.048 wine bottle sherd .TFF.	
18WA20.150.049 wine bottle sherd .TFF.	
18WA20.153.002 cut glass sherd .TFF.	
18WA20.Israel-2 ramrod guide .TFT.	
18WA20.135.007 nail .TFF.	
18WA20.135.008 nail .TFF.	
18WA20.135.009 nail .TFF.	
18WA20.115.001 button fragment .TTF.	
18WA20.142.002 buttplate fragment .TFT.	
18WA20.118.001 musket ball .TFT.	
18WA20.138.001 musket ball .TFT.	
18WA20.154.002 musket ball .TFT.	
18WA20.137.001 musket ball .TFF.	
18WA20.147.001 musket ball .TFF.	
18WA20.143.001 nail .TFF.	
18WA20.153.001 butterfly hinge frag .TFF.	
18WA20.150.033 plaster fragment .TFF.	
18WA20.118.024 oblong ring .TFF.	
18WA20.118.025 frizzen spring .TFF.	
18WA20.135.001 bone fragment .TFF.	
18WA20.135.002 bone fragment .TFF.	
18WA20.135.003 bone fragment .TFF.	
18WA20.135.004 tooth fragment .TFF.	
18WA20.135.005 tooth fragment .TFF.	
18WA20.135.006 bone fragment .TFF.	
18WA20.150.006 bone fragment .TFF.	
18WA20.150.007 bone button plague .TFF.	
18WA20.150.008 bone button plaque .TFF.	
18WA20.150.009 bone button plaque .TFF.	
18WA20.150.010 bone button plaque .TFF.	
18WA20.150.011 bone button plaque .TFF.	
18WA20.150.012 bone button plaque .TFF.	
18WA20.150.013 bone button plaque .TFF.	
18WA20.150.014 bone button plaque .TFF.	
18WA20.015 bone button plaque .TFF.	
18WA20.150.016 bone button plaque .TFF.	
18WA20.150.017 bone button plaque .TFF.	
18WA20.150.018 bone button plaque .TFF.	

ARTIFACT NUMBER	ARTIFACT NAME	EXAMINATION REPORT PREPARED?		OUT OF TREATMENT
18WA20.019 18WA20.150.020	bone button plaque bone button plaque	.T.	.F.	.F.
18WA20.150.021 18WA20.150.022	bone button plaque bone button plaque	.T.	.F.	.F.
18WA20.150.023	bone button plaque	.T.	.F.	.F.
18WA20.150.024	bone button plaque	.T.		.F.
18WA20.150.025	bone button plaque	.T.	. <u>F</u> .	. <u>F</u> .
18WA20.150.026	bone button plaque	.T.	.F.	.F.
18WA20.150.027	bone button plaque	.T.	.F.	.F.
18WA20.150.028 18WA20.150.029	bone button plaque	.T.	.F.	.F.
18WA20.150.029	bone button plaque bone button plaque	.T.	.F.	.F.
18WA20.150.030	bone button plaque	.T.	.F.	.F.
18WA20.150.032	bone button plaque	.T.	.F.	.F.
150.001	bone button plaque	.T.	.F.	.F.
18WA20.150.002	bone button plaque	.T.	.F.	.F.
18WA20.150.003	bone button plaque	.T.	.F.	.F.
18WA20.150.004	bone button plaque	.T.	.F.	.F.
18WA20.150.005	bone button plaque	.T.	.F.	.F.
18WA20.150.033	bone fragment	.T.	.F.	.F.
18WA20.150.034	bone fragment	.T.	.F.	, . F .
18WA20.150.035	bone fragment	.T.	.F.	.F.
18WA20.150.036	bone fragment	.T.	. <u>F</u> .	.F.
18WA20.150.037	bone fragment	.T.	.F.	.F.
18WA20.150.038	bone fragment	.T.	.F.	.F.
18WA20.150.039	bone fragment	.T.	.F.	.F.
18WA20.150.040 18WA20.041	bone fragment bone fragment	.T. .T.	.F.	.F.
18WA20.150.042	bone fragment	.T.	.F.	.F.
18WA20.150.042	bone fragment	.T.	.F.	.F.
18WA20.150.044	bone fragment	.T.	.F.	.F.
18WA20.045	bone fragment	.T.	.F.	.F.
18WA20.150.046	bone fragment	.T.	.F.	.F.
18WA20.150.047	bone fragments	.T.	.F.	.F.
18WA20.CCC-2	toy horse	.т.	.т.	.F.
18WA20.CCC-1	bullet mold	.T.	.T.	.F.
18WA20.CCC-3	hammer-like object	.T.	.F.	.F.
18WA20.CCC-5	front swivel, musket	.T.	.T.	.F.
18WA20.CCC-7	tea pot spout	.T.	.T.	.F.
18WA20.CCC-8	kettle fragment	.T.	.T.	. <u>F</u> .
19WA20.CCC-6	stove plate	.T.	.F.	.F.
18WA20.CCC-10	lid fragment	.T.	.F.	. F.
18WA20.CCC-16	hook	.T.	.F.	.F.
18WA20.CCC-17	hook	.T.	.F.	·F.
18WA20.CCC-18 18WA20.CCC-19	hook hook	.T.	.F.	.F.
18WA20.CCC-19	hook	.T.	.F.	.F.
TOHAZO.CCC-ZO	1100%	• 1 •	• 1 •	• 1 •

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18WA20.CCC-21 hook .T. .F. .F. 18WA20.CCC-25 brace .T. .F. .F. 18WA20.CCC-49 pitch fork .T. .F. .F. 18WA20.CCC-30 bullet .T. .F. .F. 18WA20.CCC-31 musket balls (2) .T. .F. .F. 18WA20.CCC-32 musket balls (5) .T. .F. .F. 18WA20.CCC-33 musket balls (5) .T. .F. .F. 18WA20.CCC-34 musket balls (5) .T. .F. .F. 18WA20.CCC-35 musket balls (5) .T. .F. .F. 18WA20.CCC-36 musket balls (5) .T. .F. .F. 18WA20.CCC-37 musket balls (4) .T. .F. .F. 18WA20.CCC-38 musket balls (4) .T. .F. .F. 18WA20.CCC-40 musket balls (4) .T. .F. .F. 18WA20.165.001 buckle frag. .T. .F. .F. 18WA20.165.002 buckle fragment .T. .F. .F. 18	ARTIFACT NUMBER	ARTIFACT NAME	EXAMINATION REPORT PREPARED?	IN TREATMENT	OUT OF TREATMENT
18WA20.CCC-36 musket balls (5) .T. .F. .F. 18WA20.CCC-37 musket balls (5) .T. .F. .F. 18WA20.CCC-38 musket balls (4) .T. .F. .F. 18WA20.CCC-39 musket balls (4) .T. .F. .F. 18WA20.CCC-40 musket balls (4) .T. .F. .F. 18WA20.165.001 buckle frag. .T. .F. .F. 18WA20.165.002 buckle fragment .T. .F. .F. 18WA20.164.009 cuff link .T. .F. .F. 18WA20.164.014 shoe buckle frag .T. .F. .F. 18WA20.173.004 shoe buckle frag .T. .F. .F. 18WA20.167.002 buckle fragment .T. .F. .F.	18WA20.CCC-25 18WA20.CCC-49 18WA20.CCC-30 18WA20.CCC-31 18WA20.CCC-32 18WA20.CCC-33	<pre>brace pitch fork bullet musket balls (2) musket ball musket balls (5) musket balls (5)</pre>	.T. .T. .T. .T. .T.	.F. .F. .F. .F.	.F. .F. .F. .F.
18WA20.167.003 buckle fragment .TFF. 18WA20.164.008 shoe buckle fragsTFF.	18WA20.CCC-37 18WA20.CCC-38 18WA20.CCC-39 18WA20.CCC-40 18WA20.165.001 18WA20.165.002 18WA20.164.009 18WA20.164.014 18WA20.173.004 18WA20.167.002 18WA20.167.003	musket balls (5) musket balls (4) musket balls (4) musket balls (4) buckle frag. buckle fragment cuff link shoe buckle frag buckle frag buckle fragment buckle fragment	.T. .T. .T. .T. .T. .T. .T.	.F. .F. .F. .F. .F. .F.	.F. .F. .F. .F. .F. .F.

MARYLAND DEPARTMENT OF NATURAL RESOURCES PUBLIC LANDS AND FORESTRY TAWES STATE OFFICE BUILDING E-3 ANNAPOLIS, MARYLAND 21401 (410) 974-3771

MEMORANDUM

TO: Ralph Young

FROM: Ross Kimmel

DATE: December 16, 1994

SUBJECT: Artifacts

Here is correspondence to me from Betty Seifert and Tyler Bastian of the Maryland Historical Trust with the names of three qualified conservators, aside from Betty, who could be asked to supply price quotes for conserving the artifacts.

If you want to keep plugging away on this, be my guest. I've had it with the Foundation and don't intend to waste any more time with them on this, or anything else for that matter.

Getting price quotes will require somehow conveying to the bidders the exact scope and size of the collection and the number of artifacts to be conserved. Betty was able to give us cost figures by personally going through the collection, on state time since she's a state employee, and evaluating it. I doubt private conservators are going to be willing to do that on their own time. This means you will have to supply them with a comprehensive inventory, including condition statements. Ron Orr says no such thing now exists, so someone has to sit down and do it. Who?

Assuming an outside bidder is able to underbid Betty, there is the problem of packing and transporting the artifacts to them. Who is qualified to do that? Who has the time? Or, as Betty suggests, do we have bidders include the cost of that in their bid, and thus incur an expense that would not be incurred if the work were done at the MHT lab?

Ralph Young Page 2 December 16, 1994

It is highly improbable that a private conservator could do the job more cheaply than MHT because a private lab would have all kinds of overhead (such as packing and transporting) that MHT would not, as a state facility, have to consider in its price. And while I gather from talking to Betty that MHT would still be interested in doing the job, having been once burned (horribly) by the Foundation, they will be at least thrice careful in dealing with the Foundation again, including insistence that the Foundation place the total funds in escrow from which MHT would draw as needed. I explained this latter point to the Foundation once before but doubt they heard or remember it, and I foresee Foundation resistance on this point.

Good Luck!

RMK/vlc

cc: Betty Seifert
Rusty Ruszin
Ron Orr
Tyler Bastian

MARYLAND STATE PARK FOUNDATION ADDRESS LIST

Revised: May, 1993

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MARK J. HARDCASTLE, ESQ.

Hardcastle & Dever, P.A. One Metro Square, Suite 707 51 Monroe Street Rockville, Maryland 20850-2407 (301) 217-5800 (301) 217-5806 - fax

DON JARVIS

3249 Roscommon Drive Glenelg, Maryland 21737 (410) 489-5388 Laurel Sand & Gravel, Inc. 5601 Van Dusen Road P.O. Box 719
Laurel, Maryland 20707 (301) 953-7650

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HOME

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CLAIRE B. ROSSÉ

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JAMES SEARS

The Royal Oil Company 5515 Selma Avenue Baltimore, Maryland 21227 (410) 247-2277

LARRY V. THOMAS

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Ross M. Kimmel

Supervisor Cultural Resources Management

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Maryland
Department of
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Community
Development

Jefferson Patterson Park and Museum

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410-586-8500 1-800-756-0119 Fax: 410-586-3643 Maryland Relay for the Deaf:

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Parris N. Glendening Governor

Patricia J. Payne Secretary

Raymond A. Skinner Deputy Secretary

Ross M. Kimmel
Cultural Resources Management
State Forest and Park Service
Md. Dept. of Natural Resources
Tawes State Office Bldg.
580 Taylor Avenue, E-3
Annapolis, Md. 21401

March 1, 1999

Dear Mr. Kimmel,

I am forwarding to you a list of artifacts and their archeological contexts from Fort Frederick that were originally selected for conservation a few years ago. The list is for you to review and share with other researchers. I am also forwarding the standard forms we use at the Maryland Archaeological Conservation Laboratory in accepting collections and doing conservation treatments. Please note that the Deed of Gift form applies to non-state property. Let me know if you have further questions.

Sincerely,

Ronald & On

Ronald G. Orr Collections Manager MAC Lab

Enclosures
C: Betty Seifert



Fort Frederick Artifacts from Archeological

Contexts

Selected for Conservation Buttons (metal) Sq. E(1), Buttons (bone)-topsoil button maker's waste cuff links buckles (shoe) buckles (belt) hinges T.2.13.5.3 butterfly hinge bayonet handle glazier's point lead cone shaped pencil lead strip lead piece straight pins firearm sear clasp knife with bone handle two pronged fork brass strap with rivets pewter knife handle hooks musket lock spring frizzen spring on musket cultivator plow blade brass tack musket ball .74 calib. lead musket balls jew's harps coins (1723 English halfpenny) George III (1746?) strap escutcheon plate on a musket brass butt plate grooved bone location: near barracks' fireplace burnt bone 3 lb. striking hammer head pin terminal to a shoe buckle pin terminal to a belt buckle

container

compass

100 P	Archeological layers from		7, 0, 0, 0, 7, 7, 7
	Ft. Frederick from which objects were chosen	CONTEXT	ITEMS SELECTED
1. Layer 2 unde	er rubble	1. SHALE LAID DOWN AFTER INITIAL OCCUPATION.	NAILS
2. Wall trench		2. 18th CENTURY	BONE
3. N.E. bastion	, subsoil fill layer	3. 18th, 19th, 20th C.	IRON OBJECT, BOTTLE NECK
4. CCC trench f	fill (small artitacts not sifted for by the CCC) N.	E.B. 4. DISTURBED	METAL FOIL, BUCKLE, HANDLE, COMPASS
	n, brown soil w/ mortar layer	5. POST REVOLUTIONARY WAR (PRISONER ERA) 6. 1756-1934	IRQN OBJECT BAYONET FRAG.
11.	ge pit-like disturbance, N.E.B.	7. 1934-37, REMAINS OF LARGE TREE 8. 1756 - 1934 PERIOD	WOOD (SEASONALITY STUDY) GLAZIER'S POINT
β. brown soil a	and gravel layer, N.E.B.	O DOOD GUDDAGE IN 1756	
9.organic lens,	N.E.B.	9. PROB. SURFACE IN 1756 BEFORE CONSTRUCTION. 10.DEPOSITION BETWEEN 1756-	FLAKE OF NATIVE CHERT
10. S.W. bastic	on, trash layer	c.1770 11.18th, 19th or 20th C.	LEAD FRAG., SHOE BUCKLE, NAILS, GLASS, MONNAIL
11. S.W. bastic	on, pit-like disturbance	POSS. POWDER MAGAZINE 12.DEPOSITION BETWEEN 1756-	NATE
12. S.W. bastio	on, garbage layer	c.1770 13.DEPOSITED 1756-c.1770	NAILS, ST.PINS, GLASS, MORTAR, CHARCOAL NAILS
13. S.w. bastic	on, occupation lens		
14. S.W. bastio	on, mixed soils layer w/ much mortar	14.1756-c.1770	NOTHING SELECTED
1 1		15. DISTURBED	GLASS
15. S.W. Dastio	on, CCC trench fill	16.1756-c.1800	NAILS, GLASS, LEAD FRAGS., GUN FLINT,
16. S.W. bastio	on, trash concentration	17 DICHUDDED DADDAGVO	FIREARM SEAR, IRON OBJECT, BONE BUTTON,
17. East and we	est barracks foundation trenches	17. DISTURBED BARRACKS (1930's)- VIAL	METAL BUTTON, GLASS JEWEL, BOTTLE, MORTAR CLASP KNIFE W/BONE HANDLE, CHARCOAL.
18. West barrac	ck, black humus/rubble lens	18. 18th CENTURY	SHOE BUCKLE FRAG., BRASS STRAP W/RIVETS, _PEWTER KNIFE HANDLE, IRON HOOK, BONE
19. E. and W. b	parracks, brown loam and shale lens	19. 1756 OCCUPATION LENS	BUTTON, BUTTON BLANK BRASS COAT BUTTON FRAG., WINDOW GLASS, NA
20. E. and W. b	parracks, black humus refuse/brick/stone rubble	20. 18TH CENTURY	PLOW BLADE, BRASS BUCKLE FRAG., TACK, PEWTER BUTTON, BRASS BUTTON, MUSKET BALL, BONE BUTTONS, BUTTON MAKER'S WASTE, WINE
			BOTTLE, CLEAR GLASS, FLAT METAL PIECE

- 217 W. barrack, mottled tan, yellow sandy clay (subsoil)
 - 22. W. barrack, brown loam and rubble lens
 - 23. E. and W. barrack, brown humus lens abutting foundation (parade ground side).
 - 24. E. and W. barracks, CCC fill
 - 25. E. and W. barracks, brown sandy loam occupational lens
- 26. E. and w. barracks, brown sandy loam, shale and gravel lens
- 27. Pit fill adjacent to E. barrack fireplace
- 28. refuse deposit between fireplace and west foundation wall, W. barrack.
- 29. blackened humus deposit/refuse between 2 fireplaces, W. barrack.
- 30. N5/E6, La.3 and La.4 (La.4 includes N5/E5)
- 31. N5/E5, La.2

1 1,

32. N7/E7, La.3 and La.4 (Fea. 6), and La.6

•		
21. BEFORE 1756 ?	JEW'S HARP, HOG JAW BONE	
22. 18th CENTURY	1723 ENGLISH HALF PENNY, IRON/BONE CLASP KNIFE, LEAD CONE SHAPED ITEMS.	
23. "	NAILS, IRON ITEMS	
24. " (DISTURBED)	NAILS, IRON ITEM, BONE BUTTON PLAQUE	
25. "		
26. H	NAILS, BONE FRAGS.(& 2 TEETH), WINE BOTTLE PIECES, VIAL BASES.	
27. "	WINE BOTTLE PIECES, PLASTER, 27 BONE BUTTON PLAQUE, BONE, GROOVED BONE.	
28. "	HINGE SECTION, CUT GLASS	
29. n	MUSKET BALL, PEWTER SPOON HANDLE, NAILS HAMMER HEAD	;
30. AFTER INITIAL OCCUPA- TION OF FORT	BOTTLE GLASS, METAL BUTTONS, JEW'S HARP FRAG. LA.4: BRASS BUTTONS, CUFF LINK, METAL BUCKLES, MUSKET BALLS; SPIKES, NAILS, ESCUTCHEON PLATE, GLASS	
31. "	STEM, 66 GLASS FRAGS. BOTTLE LIP, BUCKLE FRAGS., MUSKET BAll LEAD PENCIL.	
32.	LA.3: FLAT GLASS, NAILS, PIN TERMINAL TO A BUCKLE. LA.4: PEWTER BUTTON, NAILS (BOTH FEATURE 6). LA.6: WINDOW PANE, BOTTLE FRAGS., LEAD BUTTON, NAILS, BONE TABLEWARE RING	

BOX Milner

Pontiac's War -- Period 2

Layer 3, 4, 5

Prisoner of War -- Period 3

<u>DESCRIPTION/MATERIAL</u> (** = immediate, * = soon)	ITEM NO./PROV.	TIME(hours)	PROPOSAL	MATERIAL USED
flint chips	164.133, .134	0	stable. none	
flints (2) 1 dark, 1 light	165.006, .007	0	stable. none	
coin, cu alloy	163.002	2 hrs.	Chem clean w thiourea, mech clean surface coat with Acryloid B-72	thiourea 1% BTA, B-72
wedge, iron	217.001	2-3 hrs.	electrolysis, intensive wash, coat	NaC03, DI water, Tannic Acid, Wax
buckle frags, cu alloy, pewter (German silver)	167.002, .003	1-2 hrs.	mechanical clean, wash, dry, coat	DI water, Benzotriazole, Acryloid B-72, Renaissance wax.
coin halfs, silver, copper alloy	164.010, .011	2-2.5 hrs	chem and mech clean, wash, dry, coat	same as above
musket lock, iron	197.001	**2-3 hrs.	electrolytic reduction, intensive wash, dry, tannic acid solution, wax	DI water, NaCO3, tannic acid, microcrystalline wax.
compass back, copper alloy	218.001	*2-3 hrs.	chemical and mechanical cleaning, wash, dry, apply benzotriazole,	Dilute acid, benzotriazole in Reagent Alcohol, Acryloid B-72 in Acetone.
nails (2), iron	219.001, .002	*1-2 hrs.	electrolytic reduction, intensive wash, tannic acid, wax.	NAHCO3, DI water, Tannic Acid, wax
straps (2), iron	222.001	**2-3 hrs.	intensive wash, chemical clean, wash, tannic acid, wax	NAHCO3, DI water, Phosphoric Acid, Tannic acid, wax.
buckle frag., cu alloy	173.004	*1-2 hrs.	wash, chemical clean, wash, dry, chelate with benzotrizole, surface coat	DI water, formic acid, Reagent alcohol, Benzotriazole, AcryloidB-72 in Acetone.
bottle frag, glass	213.002	.5-1 hr.	wash, dehydrate, Impregnate with B-72	Reagent alcohol, Acryloid B-72

DESCRIPTION/MATERIAL	ITEM NO./PROV.	TIME(hours)	PROPOSAL	MATERIAL USED
Bottle frag, glass	195.001	.5-1 hr	Treatment: Wash in alcohol/water, Impregnate with Acryloid B-72	Reagent alcohol, Acryloid B-72
Nails(9), iron	165.008-016	4-5 hours	Treatment: Electrolysis and chemical Cleaning, intensive wash, tannic acid, Wax.	DI water, NaCO3, Phosphoric acid, tannic acid, reagent alcohol, wax.
Nails(2), iron	173.001,.002	1-2 hrs	(See treatment above)	
Staple, iron	205.003	1-2 hrs	(See treatment above)	
Nails(8), iron	164.083.090	**4-5 hours	Treatment: Electrolytic reduction, intensive wash, mechanical cleaning, Tannnic Acid, Wax.	DI water, NaCO3, Phosphoric acid, tannic acid, microcrystalline wax.
Button, pewter	215.001	0.5 hr	Mechanical clean, wash, dry, wax.	DI water, microcrystalline wax.
Container, iron/tin	175.001	**6-10 hrs	Electrolytic reduction, mechanical clean, intensive wash, dry. tannic acid, wax.	DI water, tannic acid, microcrystalline wax. Acid free foam and tissue. Create mount and support.
Nails(2)	176.002,.003	*2-3 hrs	Electrolytic reduction, mechanical clean, intensive wash, dry. tannic acid, wax.	DI water, tannic acid, microcrystalline wax.
Staple, iron	213.001	*2-3 hours	Electrolytic reduction, mechanical clean, intensive wash, dry. tannic acid, wax.	DI water, tannic acid, microcrystalline wax.
Bottle, Lip fragment glass	167.004	.5-1	Wash in alcohol/water. Dehydrate. Impregnate with Acryloid B-72.	DI water, reagent alcohol, Acryloid B-72 in acetone.
Bottle, base fragment glass	192.001	.5-1	Wash in alcohol/water. Dehydrate. Impregnate with Acryloid B-72.	DI water, reagent alcohol, Acryloid B-72 in acetone.
Lid. glass	194.001	.5	Clean, surface coat with Acryloid B-72.	DI water, Acryloid B-72 solution
Windowpane glass	164.132	.5	Clean, surface coat with Acryloid B-72.	DI water, Acryloid B-72 solution

PROPOSAL TIME(hours) **DESCRIPTION/MATERIAL** ITEM NO./PROV. 0.5 173.003 Window pane glass

Clean, surface coat with Acryloid B-72

DI water, Acryloid B-72 solution.

MATERIAL USED

DESCRIPTION/MATERIAL	ITEM NO./PROV.	<u>TIME</u>	PROPOSAL	MATERIAL USED
"utensil" Fe	(See previous page)			•
"utensil" Fe				
"utensil" Fe	-			
Buckles(3) Fe square corners		2-3	Treatment: Electrolytic reduction, intensive wash, dry, tannic acid solution, wax.	DI water, NaCO3, Tannic Acid, Reagent alcohol, microcrystalline wax, Silica gel, packing materials.
cu coin Lyre - Fed eagle		1-2	Treatment: Electrolysis, wash, dry, benzotriazole, Acryloid B-72. Acetone.	DI water, NaCO3, Benzotriazole in Reagent alcohol, Acryloid B-72 in
buckles (3) cu frag.		1-2	Treatment: Electrolysis, wash, dry, benzotriazole, Acryloid B-72. Acetone.	DI water, NaCO3, Benzotriazole in Reagent alcohol, Acryloid B-72 in
buckles (3) pewter frags.		2-4	Treatment: Electrolytic reduction, intensive wash, brush, wax.	DI water, NaCO3, microcrystalline wax.
disc. bone (1)		0.5	Treatment: Clean with damp swabs.	DI water, microcrystalline wax.
			tic reduction to remove corrosion and stabilize metatal talcohol to stabilize the metal followed by surface	

nnic facts will need to be mounted in acid free materials.

Wax.

knife blade Fe Prev. Tr.

#8

~16 hrs.

active corrosion

Fe

#5

buttons (7)

misc. box 2

flat (4) eye on back, large, 1-1/4" diam.

ITEM NO./PROV.

TIME

PROPOSAL

MATERIAL USED

flat (3) eye on back, small .671" diam.

DESCRIPTION/MATERIAL

(See previous page for treatment)

Misc (5) button shapes

washer

(dec. cu alloy (1) fastener

spool - Fe

button back-eye (pewter)

01/15/93

FORT FREDERICK ARTIFACTS 18WA20

DERICK ARTIFACTS

MISCEL	J	.AN	FO	211	RC	X
MINOCEL	4	4/14/14	$\mathbf{L}\mathbf{V}$	\mathbf{v}	\mathbf{v}	,,,

DESCRIPTION/MATERIAL chisel/iron	ITEM NO./PROV. misc. box 1.001	TIME 0	PROPOSAL previous treatment stable environment, very dry	MATERIAL USED acid free packing with silica gel
musket tool/Iron	misc. box 1.002	1.5	clean surface surface coat with B-72 or wax	acid free packing, silica gel
bullet mold/iron	18WA20.WL.001	4-5	very degraded, cracking some exfoliation. Stabilize and clean with Electrolytic reduction Intensive wash, dry, surface coat, wax with microcrystalline wax.	NaCO3, DI water, Tannic Acid, microcrystalline wax silica gel, acid free packing
seal/glass	18WA20 misc. box 2.001	.25	water clean w/swab, dry, apply Acryloid B-72	DI water, Acryloid B-72
MISCELLANEOUS BOX 2			· ·	
small chain link fragment, iron	misc. box 2	1	corroded. TR: Electrolysis, intensive wash, dry, tannic acid, wax	DI water, NaCO3, tannic acid, microcrystalline wax
spikes (5)/iron	misc. box 2	2-3	active corrosion. TR: Electrolysis, intensive wash, dry, tannic acid, wax	DI water, NaCO3, tannic acid, microcrystalline wax
hardware(6)/iron	misc. box 2	2-3	active corrosion. TR: Electrolysis, intensive wash, dry, tannic acid, wax	DI water, NaCO3, tannic acid, microcrystalline wax
lead (2)/sheet frag. clip	misc. box 2	1.5	Pb comb - clean, stabilize, coat Fe Stain - remove. TR: Electrolysis.	DI water, NaCO3, sulfuric acid, microcrystalline wax
(scale on lock)/iron	misc. box 2	1.5	active corrosion. TR: Electrolysis, intensive wash, dry, tannic acid, wax.	DI water, NaCO3, tannic acid, microcrystalline wax

DESCRIPTION/MATERIAL	ITEM NO./PROV.	<u>TIME</u>	PROPOSAL	MATERIAL USED
staple large/iron	misc. box 2	1.5	corroded, weaping. TR: Electrolysis, intensive wash, dry, tannic acid, wax.	DI water, NaCO3, tannic acid, Microcrystalline wax.
hardware (1)/iron - treated	misc. box 2	.5	previous treatment. rust breakout. TR: Remove coating, intensive wash, dry, tannic acid solution, wax	Mineral spirits, DI water, NaCO3, tannic acid, Microcrystalline wax.
18WA20	no sheet (44 artifacts) BLS made	sheet		
bead, tile glass (blue)	#4m, misc.	1	Create mount to protect.	Acid free board and tissue.
hook, union (copper alloy) knap sack	#1.ksBM	all copper alloy artifacts (2-4 hrs)	All Copper alloy artifacts: (#'s 1,6,7,8,9,5,10) Treatment: Electrolysis, wash,	DI water, NaCO3, Benzotriazole, Acryloid B-72 in Acetone.
sheet, rolled edges, 2 holes (copper alloy)	#6m	6,7,8 fit together	benzotriazole, dry, Apply Acryloid B-72.	•
Sheet, copper alloy	#7m			. •
Sheet, copper alloy	#8m			•
Sheet, edge bent over, copper alloy	#9m			
Sheet, clipped. copper alloy.	#5m			
knife, small pocket. copper alloy.	#10			
"utensil" Fe	#12	all iron "utensils" 10-12 hours	Treatment: Electrolytic reduction, intensive wash, dry, tannic acid solution, wax.	DI water, NaCO3, Tannic Acid, Reagent alcohol, microcrystalline wax, Silica gel, packing materials.
"utensil" Fe	#14		Solution, wax.	Sinca gei, packing materials.
"utensil" Fe	#13			
"utensil" Fe	?			

DESCRIPTION/MATERIAL	ITEM NO./PROV.	<u>TIME</u>	PROPOSAL	MATERIAL USED
staple large/iron	misc. box 2	1.5	corroded, weaping. TR: Electrolysis, intensive wash, dry, tannic acid.wax.	DI water, NaCO3, tannic acid, Microcrystalline wax.
hardware (1)/iron - treated	misc. box 2	.5	previous treatment. rust breakout. TR: Remove coating, intensive wash, dry, tannic acid solution, wax.	Mineral spirits, DI water, NaCO3, tannic acid, Microcrystalline wax.
18WA20	no sheet (44 artifacts) BLS	made sheet		
bead, tile glass (blue)	#4m, misc.	1	Create mount to protect.	Acid free board and tissue.
hook, union (copper alloy) knap sack	#1.ksBM	all copper alloy artifacts (2-4 hrs)	All Copper alloy artifacts: (#'s 1,6,7,8,9,5,10) Treatment: Electrolysis, wash,	DI water, NaCO3, Benzotriazole, Acryloid B-72 in Acetone.
sheet, rolled edges, 2 holes (copper alloy)	#6m	6,7,8 fit together	benzotriazole, dry, Apply Acryloid B-72.	
Sheet, copper alloy	#7m			•
Sheet, copper alloy	#8m			
Sheet, edge bent over, copper alloy	#9m			
Sheet, clipped. copper alloy.	#5m			
knife, small pocket. copper alloy.	#10			
"utensil" Fe	#12	all iron "utensils" 10-12 hours	Treatment: Electrolytic reduction, intensive wash, dry, tannic acid solution, wax.	DI water, NaCO3, Tannic Acid, Reagent alcohol, microcrystalline wax, Silica gel, packing materials.
"utensil" Fe	#14		Solution, wax.	Sinca ger, packing materials.
"utensil" Fe	#13			
"utensil" Fe	?			